

FIG. 1
(PRIOR ART)

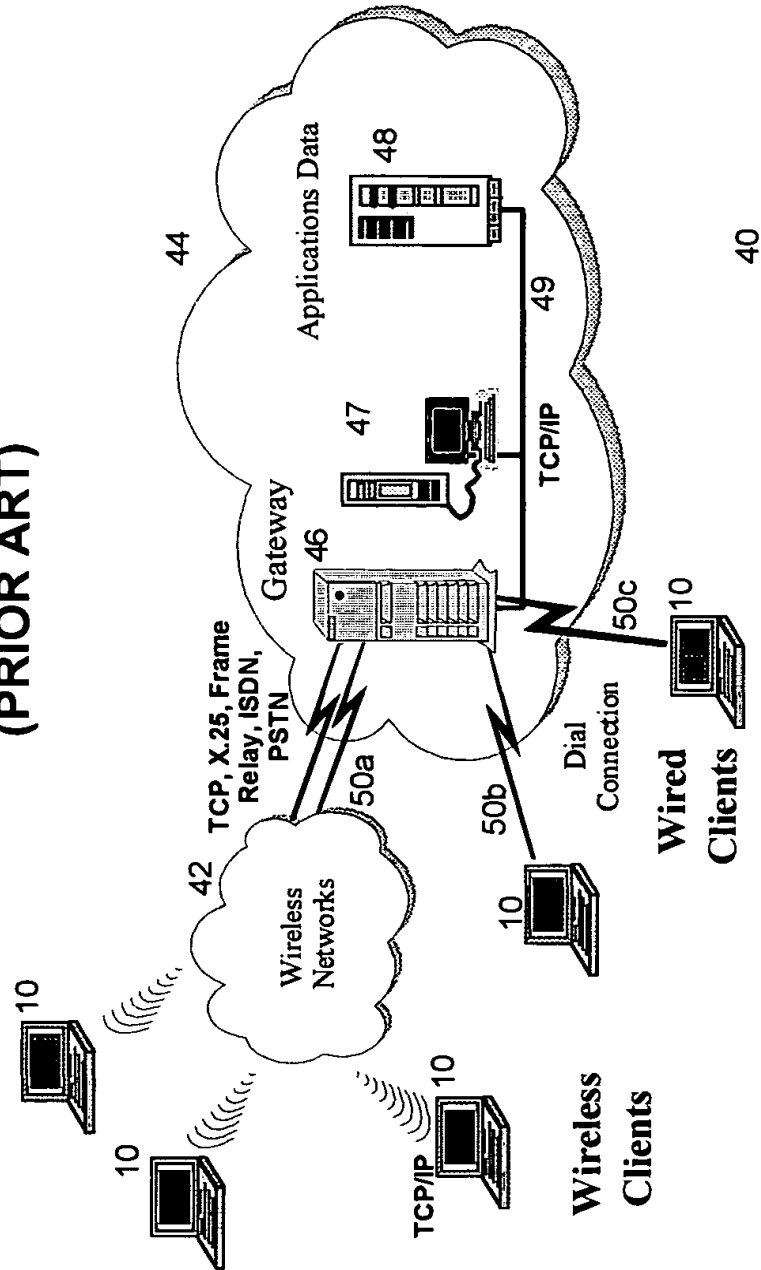
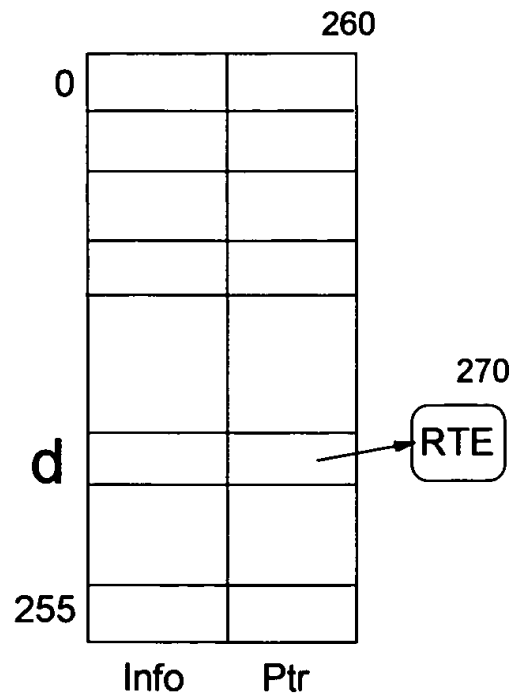
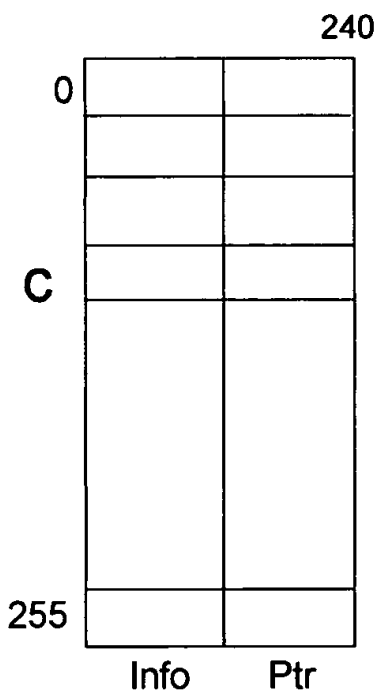
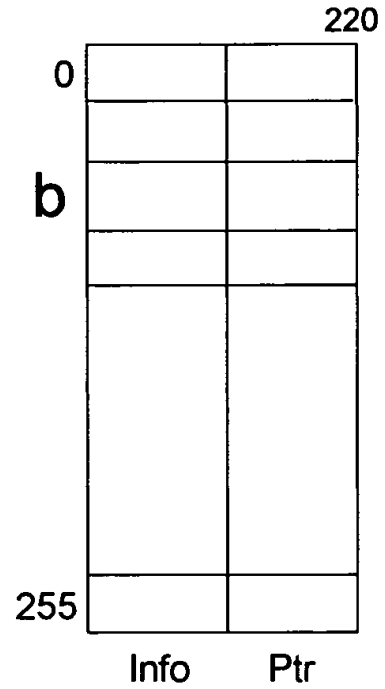
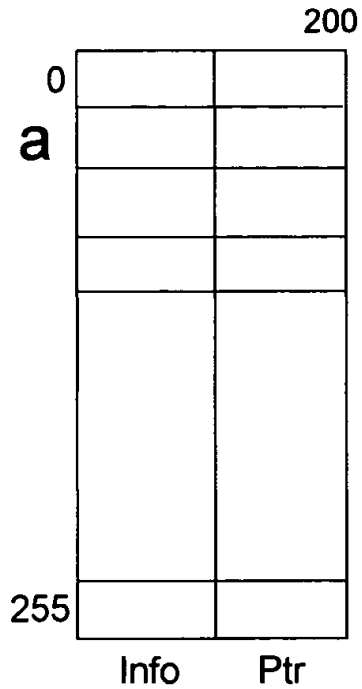
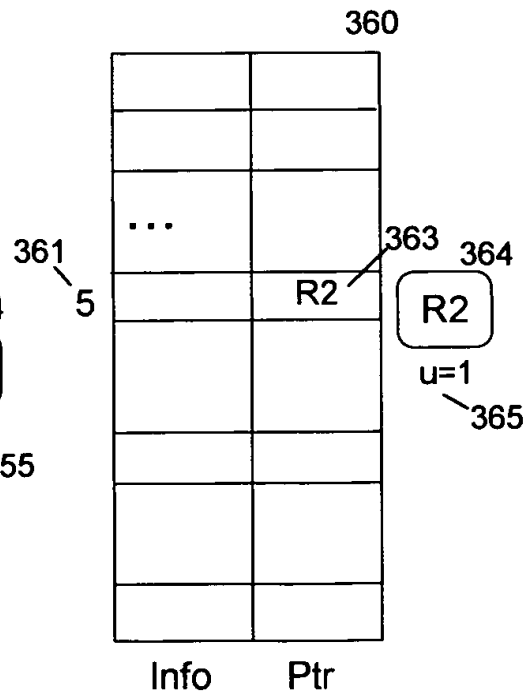
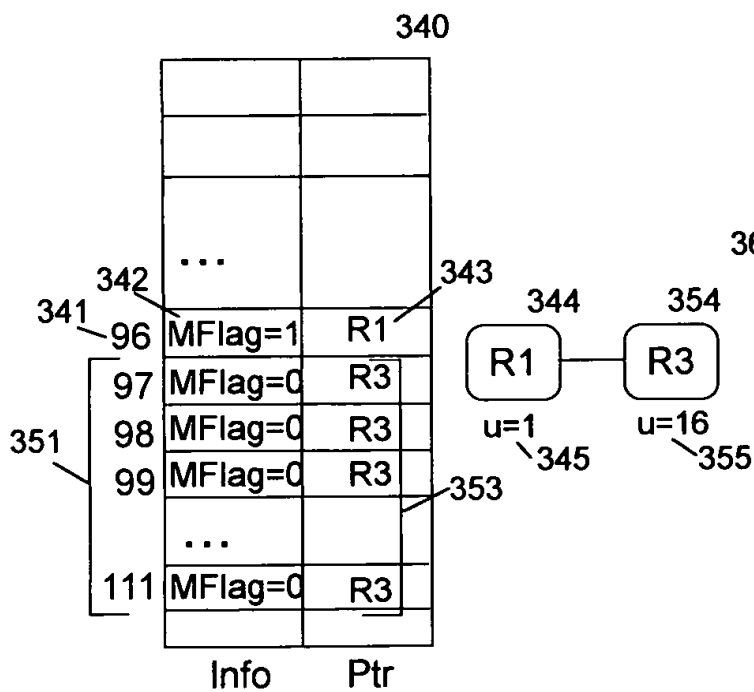
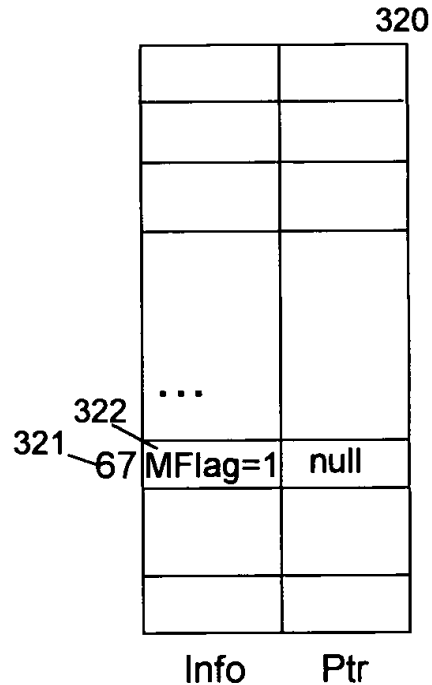
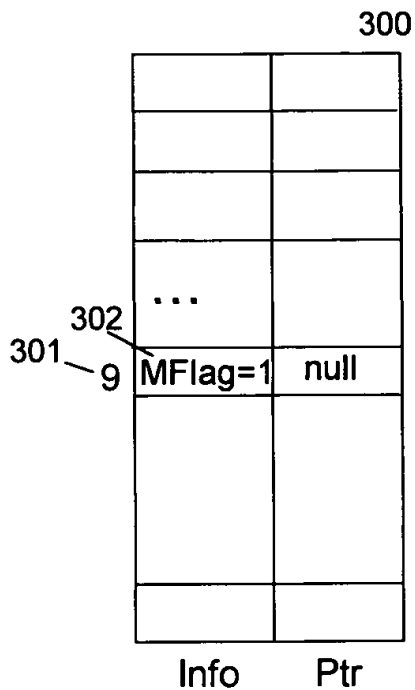


FIG. 2



result=F(a.b.c.d),
F=lookup function

FIG. 3



Route R1: 9.67.96.0 255.255.255.0 G1
Route R2: 9.67.96.5 255.255.255.255 G2
Route R3: 9.67.111.0 255.255.240.0 G3

FIG. 4A

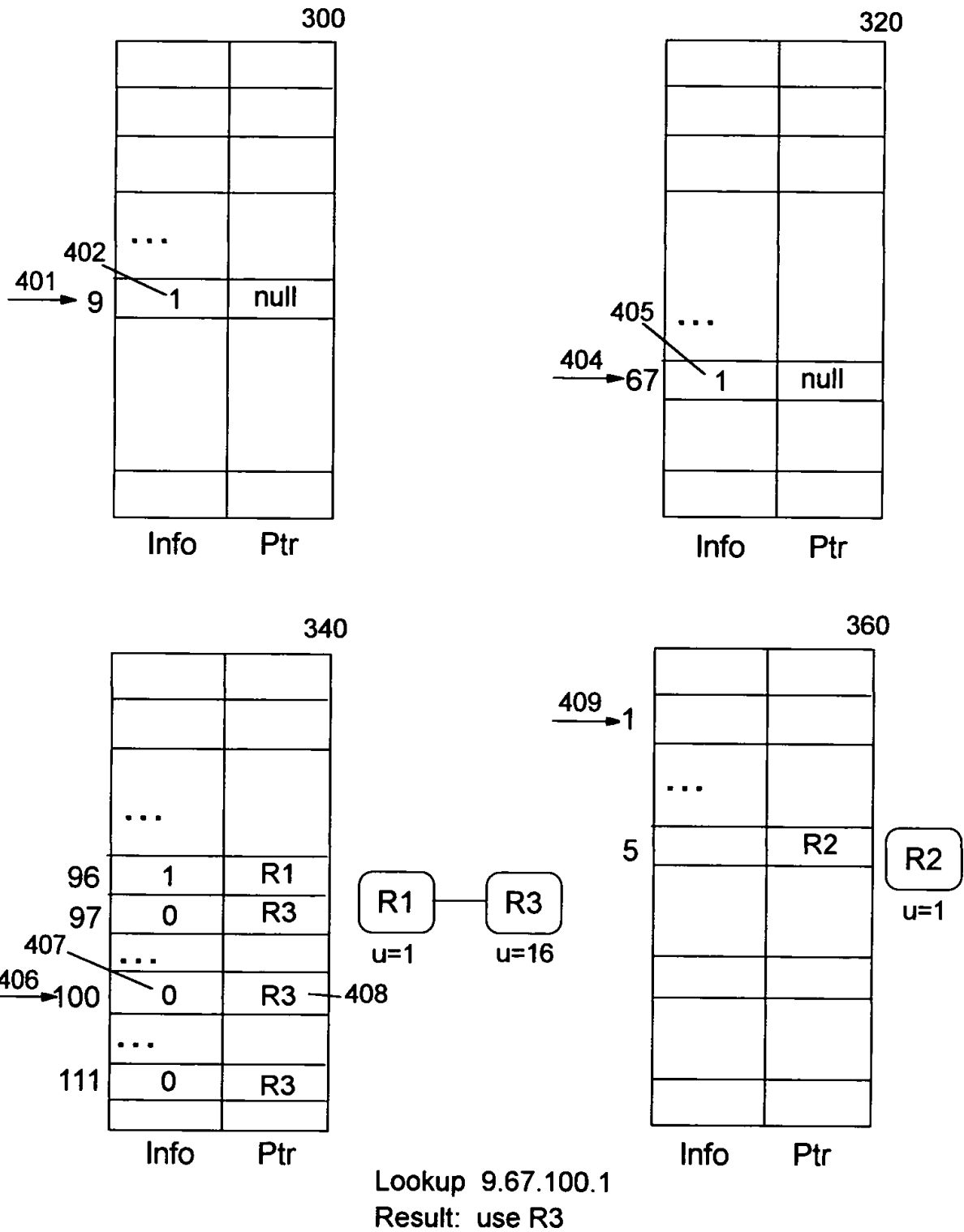


FIG. 4B

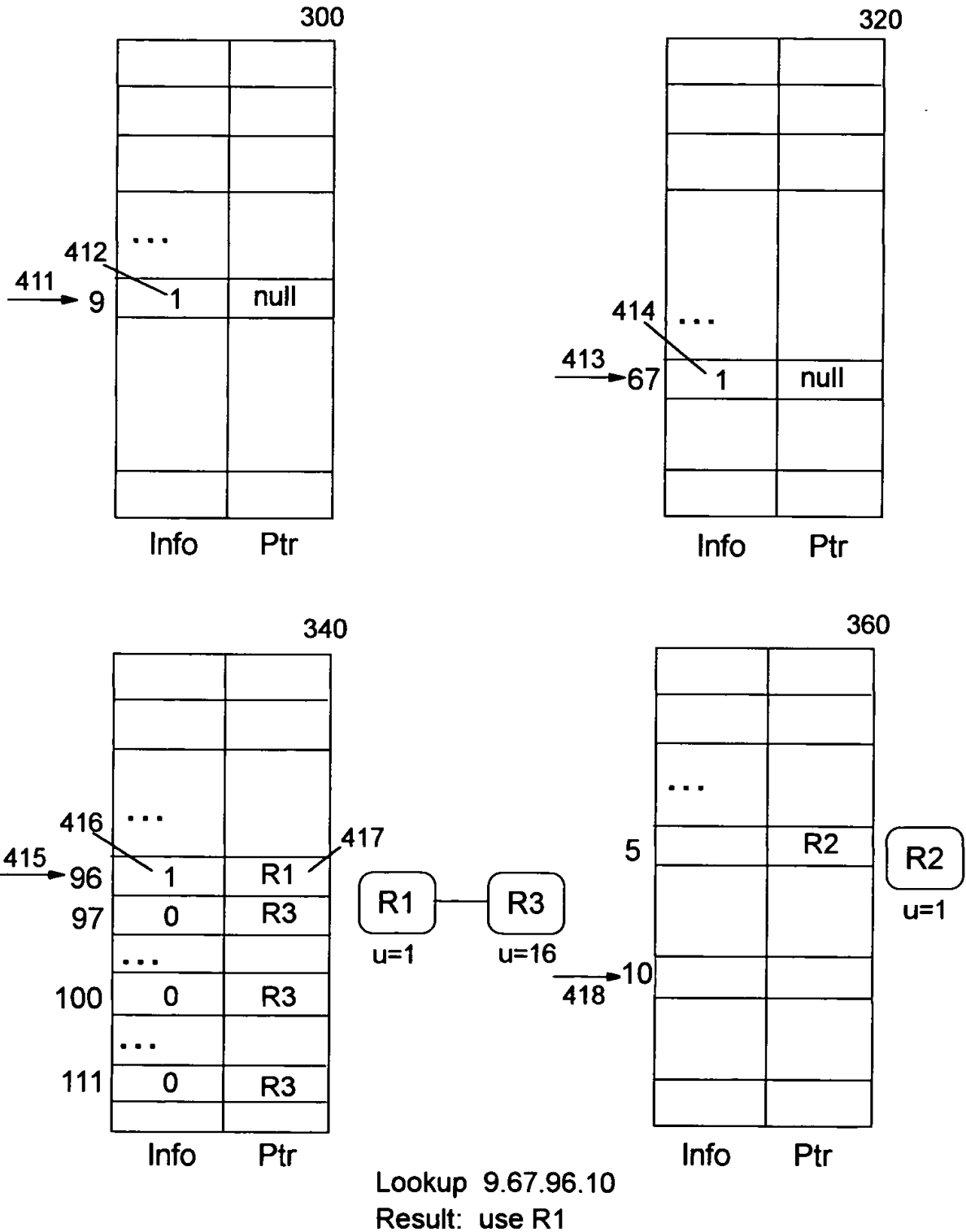
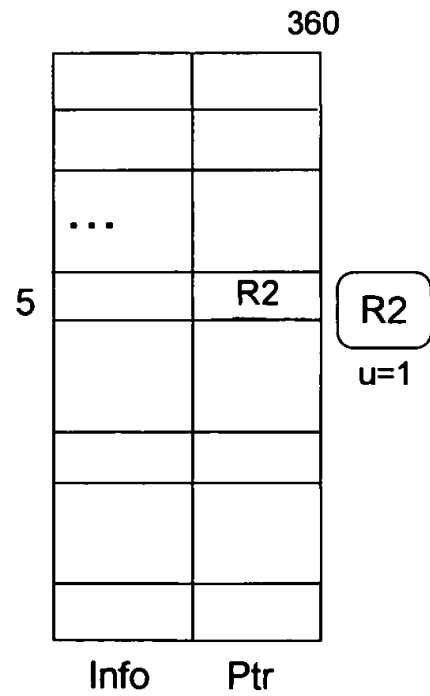
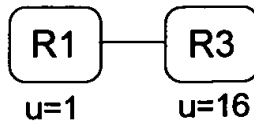
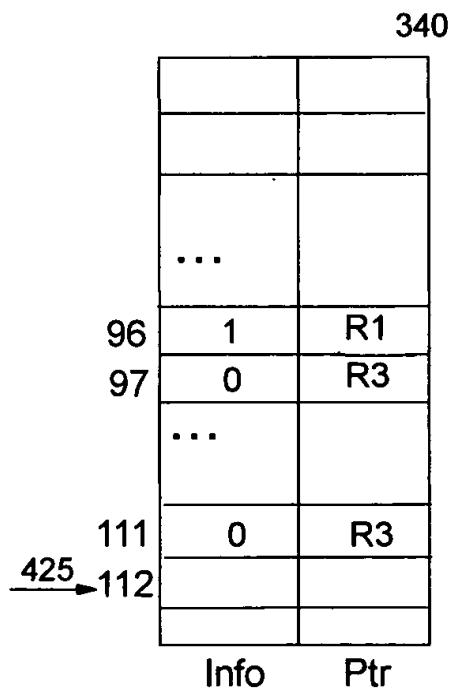
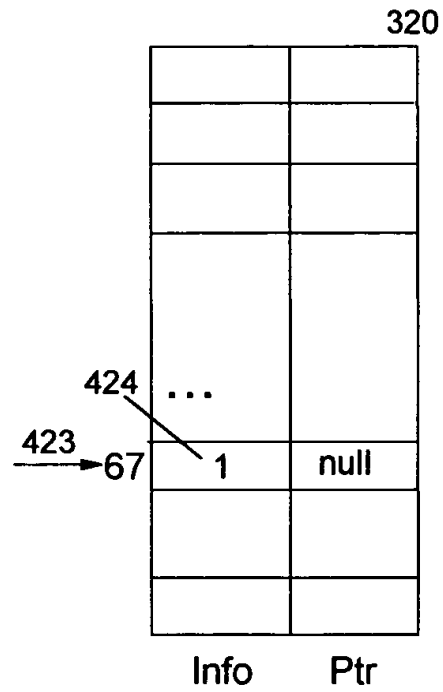
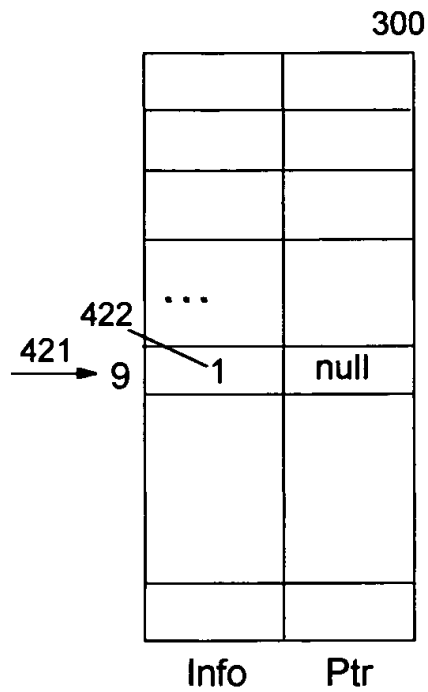


FIG. 4C



Lookup 9.67.112.4
 Result: no route